

Applicant : Takumi Nonaka
Appl. No. : 10/672422
Examiner : Richard L. Chiesa
Docket No. : 708493.4011

IN THE SPECIFICATION:

[0001] (Amended) This application is a continuation of co-pending application Serial No. 10/193,741 filed July 9, 2002, now United States Patent No. 6,662,767, which application is fully incorporated herein by reference.

[0013] (Amended) In order to solve the aforementioned problems, the scavenging air/fuel-air mixture control device of the present invention is provided with an air valve for controlling the scavenging air flow rate that is installed in the air passage connected to the scavenging passage for linking the crankcase with the combustion chamber. The air valve opens and closes the air passage through angular reciprocal movements of its valve body. A throttle valve for controlling the output is provided on the carburetor incorporated in the fuel-air mixture passage connected to the crankcase. The throttle valve opens and closes the fuel-air mixture passage through linear reciprocal movements of its valve body. An interlocking mechanism provided for the air valve and the throttle valve includes a flow rate-controlling mechanism for the fuel to be sent into the fuel-air mixture passage.